

IN THE CLAIMS:

[[1)]] 1. (Currently Amended) ~~Apparatus~~ An apparatus for producing small paper rolls,
the apparatus comprising ~~characterized in that it comprises:~~

[[(-)] a rewinding machine, said rewinding machine [[for]] producing elongated paper
rolls or logs;

5 [[(-)] a trimming device, said trimming device [[for]] trimming each log produced by said
rewinding machine;

[[(-)] a store, said store storing ~~wherein the logs the logs already~~ trimmed logs are
stored;

~~at least~~ a cutting-off machine, said store supplying said trimmed logs to said cutting-off
10 machine, said cutting-off machine [[for]] subdividing the logs ~~already trimmed and supplied by~~
said store into a plurality of small rolls.

[[2)]] 2. (Currently Amended) ~~Apparatus~~ An apparatus for producing small paper rolls,
the apparatus comprising ~~characterized in that it comprises:~~

[[(-)] a rewinding machine, said rewinding machine [[for]] producing elongated paper
rolls or logs;

5 [[(-)] a store, said store storing said ~~wherein said~~ logs are stored;

[[(-)] a trimming device, said trimming device supplying said logs to said trimming
device, said trimming device [[for]] trimming said logs ~~each log produced by said rewinding~~
machine and supplied by said store;

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~~=at least a cutting-off machine, said trimming device supplying already trimmed logs to~~
~~said cutting-off machine, said cutting-off machine~~ ~~[[for]] subdividing the already trimmed logs~~
~~already trimmed and supplied by trimming device.~~

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[[3]] 3. (Currently Amended) ~~An apparatus~~ ~~Apparatus~~ according to claim 1, further
comprising ~~characterized in that it comprises:~~

[[-]] a section for the entry of the logs to be trimmed;

[[-]] a section for the exit of the trimmed logs;

[[-]] a station with cutting means for trimming the logs;

[[-]] means for moving the logs between said entry section, said cutting station and said
exit section;

[[-]] means, associated with said log-moving means, for retaining the logs when
subjected to said movement.

[[4]] 4. (Currently Amended) ~~An apparatus~~ ~~Apparatus~~ according to claim 3, wherein
~~characterized in that the said log retaining means are gripper means~~ grippers.

[[5]] 5. (Currently Amended) ~~An apparatus~~ ~~Apparatus~~ according to claim 3, wherein
~~characterized in that said gripper means~~ grippers are associated with said means for moving the
logs.

[[6)]] 6. (Currently Amended) ~~An apparatus~~ Apparatus according to claim 3, further comprising characterized in that it comprises means for transferring the logs from the entry section to said means for moving the logs, said means for transferring the logs being disposed and acting between said section for the entry and said means for moving the logs, in order to transfer the logs from the section to the means and in that said means for transferring the logs comprise comprising a body, said body being mounted on a shaft parallel to the logs which come in through the enter said entry section thereof, and provided with said body having a plurality of seats for the logs to be transferred.

[[7)]] 7. (Currently Amended) ~~Method~~ A method for producing a plurality of small rolls from paper rolls of logs, the method comprising characterized in that it comprises:

~~=a first step of producing a paper roll or log via a rewinding machine;~~

~~=a second step of trimming said log with a trimming device; by removing a reduced portion thereof in correspondence of both its ends, thus obtaining a trimmed log;~~

~~=a third step of storing said trimmed log in [[into]] a store;~~

~~=a fourth step of supplying said trimmed log to a cutting-off machine, said store supplying said trimmed log to said cutting-off machine, said cutting-off machine subdividing said trimmed log into a plurality of small rolls; said trimmed log being supplied by said store.~~

[[8)]] 8. (Currently Amended) A method ~~Method~~ for producing a plurality of small rolls from paper rolls or logs, the method comprising characterized in that it comprises:

=a first step of producing a paper roll or log via a rewinding machine;

=a second step of storing said log in ~~[[into]]~~ a store;

5 =a third step of trimming said log with a trimming device in a trimming station by removing a reduced portion thereof in correspondence of both its ends, thus obtaining a trimmed log;

10 =a fourth step of supplying subdividing said trimmed log to said cutting-off machine, said trimming device supplying said trimmed log to said cutting-off machine, said cutting-off machine cutting said trimmed log into a plurality of small rolls; said subdividing step being carried out in a subdividing station separated by said trimming station.

[[9)]] 9. (Currently Amended) A method ~~Method~~ for treating paper rolls or logs, the method comprising:

producing a paper roll or log via a rewinding machine;

storing said log in a store;

5 trimming said log with a trimming device;

10 supplying a the steps of trimming off two reduced end portions from each log and of subdividing or cutting-off each log into more elements of smaller size, characterized in that the said trimming step is carried out upstream of where the cutting-off step is performed; said cutting-off step being performed by one or more cutting-off machines machine with trimmed logs, said trimming device or said store supplying said cutting-off machine with trimmed logs, said trimming device being located upstream of said cutting-off machine which are fed with logs

already trimmed.

[[10]]] 10. (Currently Amended) A method ~~Method~~ according to claim 9, wherein said
characterized in that the said trimming step is carried out by an apparatus including:

- = a rewinding machine for producing elongated paper rolls or logs;
- = a trimming device for trimming each log produced by said rewinding machine;
- = a store wherein the logs the logs already trimmed are stored;
- = at least a cutting-off machine subdivides said trimmed logs for subdividing the logs
already trimmed and supplied by said store into a plurality of small rolls.

[[11]]] 11. (Currently Amended) A method ~~Method~~ according to claim 9, wherein said
trimming device is located characterized in that the said trimming step is carried out by a
~~trimming machine~~ downstream of [[a]] said rewinding machine.